

Work Order ID 139944

Tuesday, December 15, 2015 8:59:56 AM

139944

Ship Dec 23

Page 1

Item ID: D205-634-143

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Run-on Landing Wearplate 205 / 210 / 212 / 214 / 412 / UH-1H

Start Date: 12/15/2015 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 12/15/2015 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan: MCS Date: DEC 15 2015

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
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IIN D205-634	H
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SP

100 Document Control

0.00

100

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP D205-634-143
CHG 003

/ MCS 15-12-24

110 Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

/ DEC 15 2015

120 QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

DAS
28
9-89

DEC 24 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :							
Misidentified	☐	Past Due	☐								

Work Order ID 139944

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139944

Page 2

Item ID: D205-634-143

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Run-on Landing Wearplate 205 / 210 / 212 / 214 / 412 / UH-1H

Stop

NS2

Start Date: 12/15/2015 Start Qty: 1.00

1

Cust Item ID:

Required Date: 12/15/2015 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

0.00

130

Packaging

Memo

0.00

Packaging

Identify and pack for shipping per PPP D205-634-143

Location:

PPP rev:

Sold

DAS
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9.89

DEC 24 2015

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

1 MW

DEC 24 2015

MW

DEC 24 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
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								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : ☐							
Misidentified ☐	Past Due ☐								

Picklist Print

Tuesday, December 15, 2015 9:00:00 AM

Page 1

Work Order ID: 139944

139944

Parent Item: D205-634-143

D205-634-143

Parent Item Name: Run-on Landing Wearplate 205 / 210 / 212 / 214 / 412 / UH-1H

Start Date: 12/15/2015

Required Date: 12/15/2015

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP revA 11.09.26 new issue EC verified by:DD
REV:B 13.03.21 AS PER ECN13-544 DD VERF:JLM

IPP

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4406-041		Manufactured	No				Each	8.0000		1			
D4406-041									**	136436			
Fwd Wearplate Assembly													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				FP002				8					
					132945			4					
					138223			4					
D4406-043		Manufactured	No				Each	3.0000		1			
D4406-043									**	134289			
Aft Wearplate Assembly													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				FP002				3					
					128798			1					
					136374			2					
AN4-45A		Purchased	No				Each	60.0000		8			
AN4-45A									**				
BOLT													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				FP001				56					
					m132803			8					
					m133077			48					
				over004				4					
					m126176			4					

DAS
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DAS
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DAS
28
9-89

DAS
26
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DEC 15 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
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LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : ☐							
Misidentified ☐	Past Due ☐								

Picklist Print

Tuesday, December 15, 2015 9:00:00 AM

Work Order ID: 139944

139944

Parent Item: D205-634-143

D205-634-143

Parent Item Name: Run-on Landing Wearplate 205 / 210 / 212 / 214 / 412 / UH-1H

Start Date: 12/15/2015

Required Date: 12/15/2015

Start Qty: 1.00

Required Qty: 1.00

D2570

Manufactured No

Each

539.0000

16

D2570

**

Bushing

**DAS
28
9-89**

DEC 15 2015

**DAS
28
9-89**

**DAS
28
9-89**

Location

Loc Qty

Loc Code

FG	12	
88781	12	
FP001	108	
133432	3	
136511	3	
137172	102	
ST008	118	
136511	22	
<u>138272</u>	96	
ST012a	301	
138273	200	
138946	101	

16

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
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Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
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Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :							
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Picklist Print

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Work Order ID: 139944

139944

Parent Item: D205-634-143

D205-634-143

Parent Item Name: Run-on Landing Wearplate 205 / 210 / 212 / 214 / 412 / UH-1H

Start Date: 12/15/2015

Required Date: 12/15/2015

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

Each

3,419.000

8

MS21042L4

Locknut

**



DAS
28
9-89

Location

Loc Qty

Loc Code

FP001

137

m133363

137

GA

49

m127813

49

ST260a

124

m130799

56

m132262

68

ST303

2944

m133769

2944

ST305

165

m128300

8

m130388

4

m130922

97

m132123

56

D2579

Manufactured

No

Each

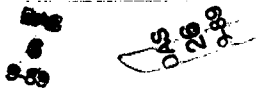
41.0000

4

D2579

Crossbolt Spacer

**



DAS
28
9-89

Location

Loc Qty

Loc Code

LG001

41

123997

41

Tuesday, December 15, 2015 9:00:00 AM

Shop Packet Print

Page 3

Item	634 -111	634 -141	634 -143	641 -011	Part Number	Description
	X				D205-634-111	SKIDTUBE INSTALLATION (STANDARD) WITH TRAINING WEARPLATE
	1	X			D205-634-141	REPLACEMENT SKIDTUBE WITH TRAINING WEARPLATE
			X		D205-634-143	TRAINING WEARPLATE KIT
	1			X	D205-641-011	GROUND HANDLING KIT
1		1			D2580-047	205 SKIDTUBE ASSEMBLY (STANDARD)
2A		8			D2594-1	* PLUG
2B		8			D2594-3	* O-RING
3		1			D2855	* AFT CAP
4		2			AN3-5A	* BOLT
5		2			NAS1149D0332J	* WASHER (AN960JD10L)
13		2			ALS4-1032-225	* INSERT
14A		1	1		D4406-041	* FWD WEARPLATE ASSEMBLY
15A		1	1		D4406-043	* AFT WEARPLATE ASSEMBLY
16		8	8		AN4-45A	* BOLT
17		16	16		D2570	* BUSHING
18		8	8		MS21042L4	* NUT (OR MS21042-4)
19			4		D2579	* SPACER
20	1				D2571	SADDLE, FWD OUTSIDE
21	1				D2572	SADDLE, FWD INSIDE
22	1				D2573	SADDLE, AFT OUTSIDE
23	1				D2574	SADDLE, AFT INSIDE
24	8				AN4-51A	BOLT
25	16				D2570	BUSHINGS
26	8				MS21042L4	NUT (OR MS21042-4)
27	8				AN6-12A	BOLT
28	8				NAS1149D0668J	WASHER (AN960JD616)
29	16				AN4-6A	BOLT
30	32				NAS1149D0463J	WASHER (AN960JD416)
31	16				MS21042L4	NUT (OR MS21042-4)
32	4				D2747	SET SCREW
33	2				D3533-1	SET SCREW
40	1				D3407-041	TOW RING (REPLACES D2968-041)
41	1				D3456-1	WASHER
43	1				MS21043-4	NUT
44	2				D3417-5	WASHER
50				1	D3405-041	LUG ASSEMBLY (REPLACES D2736-1)
51				1	D3405-043	LUG ASSEMBLY (REPLACES D2736-3)
52				4	AN4C46A	BOLT
53				8	D2570	BUSHING
54				4	MS21043-4	NUT (OR MS21042-4)
60	2				D2876	SADDLE SPACER
61	2				D2877	SADDLE SPACER

*DENOTES THAT PART IS INCLUDED WITH D2580-047 ASSEMBLY ABOVE